What is claimed is:

1. A layered material comprising:

a ply material; and

a backing film disposed upon the ply material, the backing film comprising a polyester film.

2. The layered material according to claim 1, wherein the backing film further comprises:

a release coating to facilitate removal of the backing film from the composite ply material.

3. The layered material according to claim 2, wherein the release coating comprises silicone.

4. The layered material according to claim 1, wherein the backing film is about 0.001 to about 0.004 inches thick.

5. The layered material according to claim 4, wherein the backing film is about 0.001 to about 0.002 inches thick.

6. The layered material according to claim 1, wherein the backing film is substantially transparent.

7. The layered material according to claim 1, wherein the backing film comprises polyethylene terephthalate.

8. The layered material according to claim 1, wherein the backing film is heat stabilized.

9. The layered material according to claim 1, wherein the ply material comprises graphite fibers.

10. The layered material according to claim 1, wherein the ply material comprises a metal foil.

11. The layered material according to claim 10, wherein the ply material comprises a titanium foil.

12. The layered material according to claim 11, wherein the ply material comprises a titanium graphite composite.

13. The layered material according to claim 1, wherein the backing film is recyclable.

14. An apparatus for generating backed ply material, the apparatus comprising:
means for disposing a polyester film upon a ply material; and
means for generating a roll of the backed ply material by wrapping the backed ply material about a spool.

15. The apparatus according to claim 14, wherein the polyester film is substantially transparent.

16. An apparatus for generating a composite layup, the apparatus comprising:
means for tacking a ply material having a polyester backing film to a tool;
means for disposing the ply material upon the tool along a path; and
means for removing the polyester backing film.

17. The apparatus according to claim 16, further comprising:

means for cutting the ply material in response disposing the ply material at an end of the path.

18. A method of generating a backed ply material, the method comprising:

disposing a polyester film upon a ply material.

19. The method according to claim 18, further comprising:

generating a roll of the backed ply material by wrapping the backed ply material about a spool.

20. The method according to claim 18, wherein the polyester film is substantially transparent.

21. A method of generating a composite layup, the method comprising:

tacking a ply material having a polyester backing film to a tool;

disposing the ply material upon the tool along a path; and

removing the polyester backing film.

22. The method according to claim 21, further comprising:

cutting the ply material in response disposing the ply material at an end of the path.

23. The method according to claim 21, further comprising:

recycling the polyester backing film in response to the removing step.